

# Converting Colors

Hex(D8ECA1)

Have a look what the booklet for  
Hex(D8ECA1) contains.

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# **Color**

**Hex(D8ECA1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8ECA1
RGB	216, 236, 161
RGB Percent	85%, 93%, 63%
CMY	0.1529, 0.0745, 0.3686
CMYK	0.08, 0.00, 0.32, 0.07
HSL	76°, 66%, 78%
HSV	76°, 32%, 93%
XYZ	64.7474, 77.1630, 45.1996
YIQ	221.4700, 12.1550, -27.5650

# Conversions

## Conversions Part 2

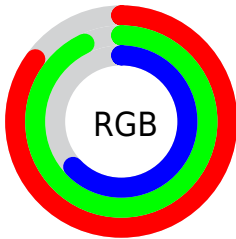
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	161, 236, 181
Decimal	14216353
CIE <sub>Lab</sub>	90.40, -18.66, 34.25
CIE <sub>LCh</sub>	90, 39.002, 118.586
Y <sub>xy</sub>	77.1630, 0.3460, 0.4124
Android (android.graphics.Color)	4292406433 (0xFFD8ECA1)
YUV	221.4700, -29.8117, -4.7972
Hunter-Lab	87.8425, -22.1547, 30.9819

# Details

The Hex color **D8ECA1** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B5A1EC**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFD8**, and **A0B46D** is the 20% darker color. If you saturate the color by 10%, you get **D2EC89**, and if you desaturate by 10%, it is **DEECB9**.

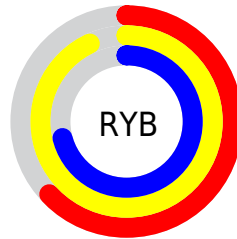
# Distribution



Red (85%)

Green (93%)

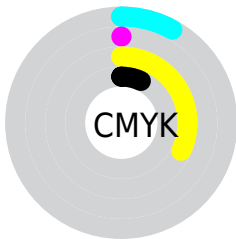
Blue (63%)



Red (63%)

Yellow (93%)

Blue (71%)

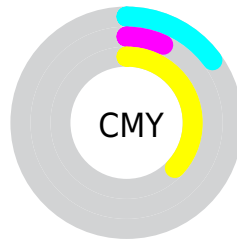


Cyan (8%)

Magenta (0%)

Yellow (32%)

Black (7%)



Cyan (15%)

Magenta (7%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8ECA1 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color D8ECA1 by changing the saturation by 10% instead.



 D8ECA1

 D8ECA1

FFFFFF

 BCD086

 FFFFD8

 A0B46D

 FFFFF5


 869954

 6C7F3B

 526624

 3A4E0B

 243700

 082200

 000300

 D8ECA1

 D8ECA1

 D2EC89

 DEECB9

 CBEC72

 E5ECD0

 C5EC5A

 EBEC E8

 BFEC43

 F1ECFF

 B9EC2B

 F7ECFF

 B2EC13

 FEECFF

 ADEC00

 FFECCF

# Harmonies

## Analogous

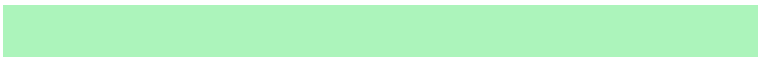
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE199



D8ECA1



ACF4BB

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D8ECA1



7BF2FF



FFC8E7

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



D8ECA1



B5A1EC

# Split Complementary

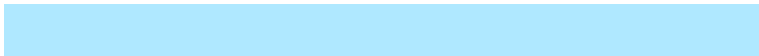
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCEFF



D8ECA1



AFE8FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D8ECA1



67F7FF



E6DBFF



FFCAC2

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D8ECA1



8FF7D3



E6DBFF



FFC9F3



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



D8ECA1



F8FFE6



ECB5A1



7B8070



000000



808080

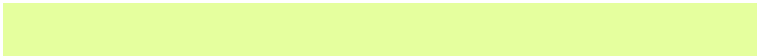


# Same Dimension

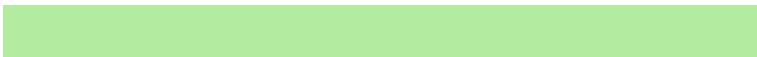
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D8ECA1



E5FF9E



B3ECA1



72756A



85B500



273600



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B5A1EC



B89EFF



DBA1EC



6D6A75



3000B5

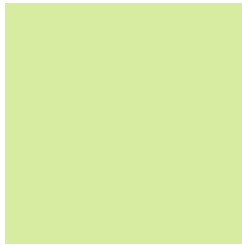


0E0036



# Previews

## White Background



This preview shows how the Hex color D8ECA1 looks on a white background.

## Color Contrast Check

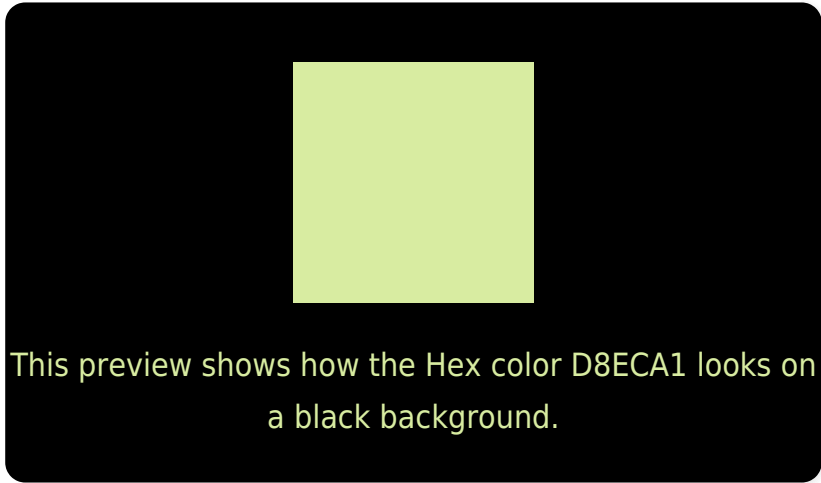
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

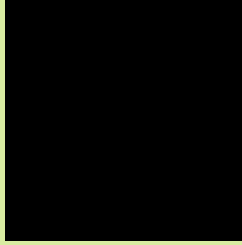
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

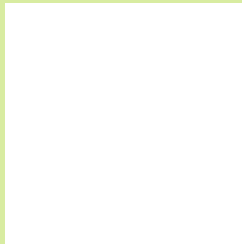
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D8ECA1 Background



This preview shows how black text looks on a background with the Hex color D8ECA1.

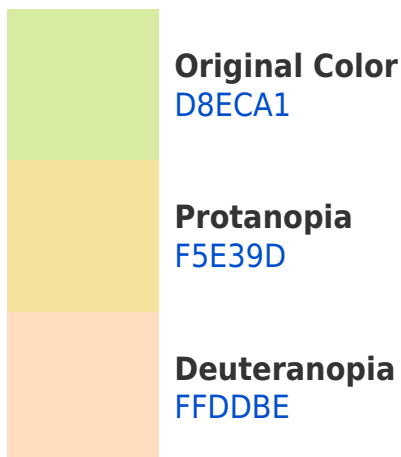


This preview shows how white text looks on a background with the Hex color D8ECA1.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

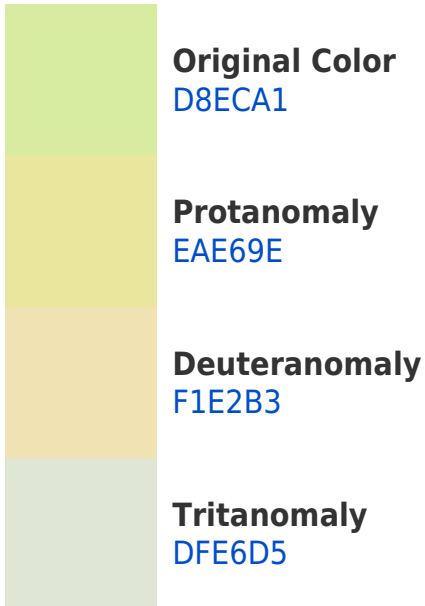
## Dichromacy



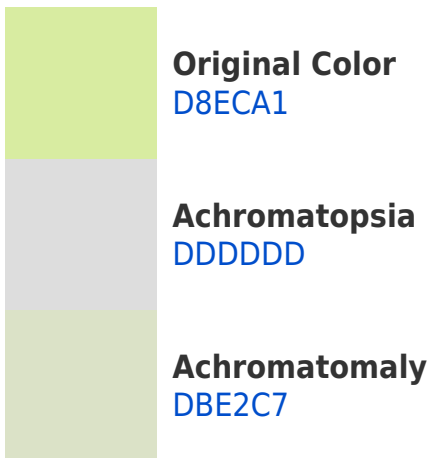


**Tritanopia**  
E3E2F3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8ECA1 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #D8ECA1 looks like.

```
.text, #text, p{  
    color:#D8ECA1  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #D8ECA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8ECA1  
}
```

## Border

The CSS property to change the border of an element to Hex D8ECA1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#D8ECA1 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#D8ECA1 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #D8ECA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8ECA1; -webkit-box-shadow:4px 4px  
4px 4px #D8ECA1; box-shadow:4px 4px 4px  
4px #D8ECA1 }
```

# Background

The CSS property to change the background color of an element to Hex D8ECA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8ECA1 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#D8ECA1 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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